



Porous Plastic Filter Cartridges



Overview

- Porous Plastic filter cartridges are manufactured from Poly-propylene, Polystyrene, HDPE.
- They are resistant to Acids and compatible with a wide range of Chemicals.
- Porous Plastic has a limited porosity of 40 % and thickness of 10-20 mm and have self strength to get the cylindrical shape cartridges of customized Size.

Features & Benefits

- Low pressure drop, High capacity of dust and long service life & Ease of Cleaning
- End caps and connectors sealed by thermal bond, Free of binder with Ultrasonic welding
- Manufacture in clean room areas.
- Comp ability with a wide range of process fluids
- Allowable Temperature : 90°C
- Max Pressure : 10 kg/cm² with Inner Support
- Replacement Pressure Drop : 1.5 kg/cm²

Application

- Compressed Air
- Chemical, Process fluids
- Fluidization, Sparging

Specification

- Filter media : Polypropylene, Polystyrene, HDPE, PTFE
- Core : Perforation or Spring
- End cap : Polypropylene, SS OR ALUMINIUM
- Gasket/O-ring : Silicon, EPDM
- Type of caps : Both End Open, Threaded Adaptors
- Filtration rating : For air & gas : 1, 3, 5, 10, 20um
- OD x ID : Customized 25 x 15, 30 x 15, 40 x 20, 50 x 20, 60 x 40, 70 x 40
- Length : Max. 500 mm Only